IMPORTANT QUESTIONS OF CELL PHYSIOLOGY

LONG ESSAYS

1. Define homeostasis. Write about the mechanisms of maintenance of homeostasis

2. Explain the homeostasis in the body with suitable examples

3. Cell membrane physiology

4. Explain about methods of transportation across the cell membrane

5. Explain about resting membrane potential and action potential with diagram

6. Define organelle. Write about cell organelles

SHORT ESSAYS

1. Passive Transport

2. Active Transport

3. What is meant by the term gene expression? What is the difference between transcription and translation?

4. Simple diffusion through cell membrane

5. Primary active transport

6. Proteins of cell membrane

7. Sodium-potassium pump

8. Secondary active transport

9. Components of homeostasis

10. Write about cell adaptation

11. Endoplasmic reticulum

12. Mitochondria

13. What is action potential? Explain depolarization and repolarization

14. Golgi apparatus